

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021099.D
 Acq On : 05 Feb 2025 19:18
 Operator : SY/MD
 Sample : Q1290-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 06 00:58:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	367	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	1226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	3845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	560	148.928	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	297.860%#
35) Dibromofluoromethane	7.646	113	388	49.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.109	98	1626	54.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.407	95	2446	250.302	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	500.600%#
Target Compounds						
						Qvalue
16) Acetone	3.866	43	1628	2776.280	ug/l	99
51) 4-Methyl-2-Pentanone	10.005	43	1431	280.517	ug/l	96
52) Toluene	10.176	92	1333	62.161	ug/l	91
67) Ethyl Benzene	11.524	91	14213	129.861	ug/l	98
68) m/p-Xylenes	11.627	106	17098	417.591	ug/l	94
69) o-Xylene	11.956	106	12703	332.771	ug/l	95
73) Isopropylbenzene	12.261	105	8338	27.761	ug/l	97
78) n-propylbenzene	12.603	91	23507	65.701	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	24755	101.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	111675	469.026	ug/l	99
85) sec-Butylbenzene	13.182	105	13043	40.936	ug/l	88
86) p-Isopropyltoluene	13.291	119	7173	27.102	ug/l	96
89) n-Butylbenzene	13.621	91	11873	49.174	ug/l	# 79
95) Naphthalene	15.151	128	88091	851.607	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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